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s/070/61/006/001/005/011 E032/E314

A Study of the Crystalline Structure

The structure of BaBi, is similar to that of SrBi, and differs from the latter by a small compression along the four-fold axis. The minimum interatomic distances agree with the correlation obtained by Zhuravlev (Ref. 3) between the transition temperature of superconductors and the minimum interatomic distances. There are 2 figures, 1 table and 6 references: 4 Soviet and 2 non-Soviet.

ASSOCIATION:

Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova (Moscow State University

im. M.V. Lomonosov)

SUBMITTED:

February 8, 1960 (initially)

October 10, 1960 (after revision)

Card 4/4

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5/070/61/006/005/008/011 15 22 40 E032/E114

AUTHORS: Zhuravlev, N.N., Stepanova, A.A., Paderno, Yu.B.

and Samsonov, G.V.

TITLE: X-ray measurements of the thermal expansion

coefficients of hexaborides

PERIODICAL: Kristallografiya, 1961, Vol.6, No.5, pp.791-794

TEXT: The present authors have measured the thermal expansion coefficients in the temperature range 20-800 °C using the Unicam X-ray camera (diameter 190 mm, copper radiation). The Specimens were prepared by reduction of the oxides of the corresponding elements by boron. Table 1 gives the thermal expansion coefficient a obtained from measurements on powder expansion coefficient. In all cases the error in a is X-ray diffraction patterns. In all cases the error in a is between 0.3 x 10-6 and 0.5 x 10-6 deg-1 except for the between 0.3 x 10-6 and 0.5 x 10-6 deg-1 except for the hexaborides of neodymium and terbium, where the error is 10-6 deg-1. The table also gives the values of the lattice constant a at room temperature (20 °C) determined with the precision camera PAY-114 (RKU-114). Using the data on the thermal expansion coefficients, the authors have calculated the Card 1/4

26650 X-ray measurements of the thermal 5/670/61/006/005/008/011 E032/E114 characteristic temperature O, the root mean square amplitude of the thermal vibrations of the complexes, and the melting temperature. Numerical results are reproduced. The figure shows the lattice constant a of the hexaborides as a function of the atomic radii of the metals. The lattice constant a tends to increase with the atomic radius. There are 1 figure, 2 tables and 25 references; 20 Soviet and 5 non-Soviet. The English language references read as follows: Ref. 15: E. Felten, J. Binder, B. Post. J. Amer. Chem. Soc., V. 80, 3479, 1958. Ref. 17: C.F. Cline, Nature, V. 181, 476, 1958.
Ref. 21: H. Eick, P. Gilles. J. Amer. Chem. Soc., V. 81, 5030, 1959. ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova (Moscow State University im. M. V. Lomonosov) Institut metallokeramiki i spetsial nykh splavov AN USSR (Institute of Cermets and Special Alloys, AS Ukr. SSR) SUBMITTED: March 10, 1961. Card 2/4

5/070/62/007/002/017/022 E132/E160 AUTHORS: Zhuravlev, N.N., and Stepanova, A.A. TITLE: X-ray diffraction studies of the superconducting alloys of bismuth and platinum in the temperature range 20 to 640 oc PERIODICAL: Kristallografiya, v.7, no.2, 1962, 310-311 TEXT: Powder photographs were taken of specimens of PtBi and PtBi2 in a Unicam high-temperature camera between 20 and 600 °C. It was found that PtBi keeps the NiAs structure up to 600 °C; that PtBi loses Bi above 300 °C by evaporation; and that there are three modifications of PtBi2. The coefficients of mean thermal expansion are: Pt (300-500 °C) 8.6 ± 1 (x 10^{-6}); PtBi (20-600 °C) $\alpha_{\parallel} = 1.9 \pm 0.2$ (x 10-6), $\alpha_{\downarrow} = 16.4 \pm 2$ (x 10-6); α -PtBi₂ (20-400 °C) 1.25 \pm 0.1 (x 10⁻⁶); Bi (20-92 °C) 15.4 \pm 1 and 12.8 \pm 1 (x 10-6). Card 1/2

X-ray diffraction studies of ... S/070/62/007/002/017/022 E132/E160

There are I figure and I table.

ASSOCIATIONM Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova (Moscow State University imeni M.V. Lomonosov)

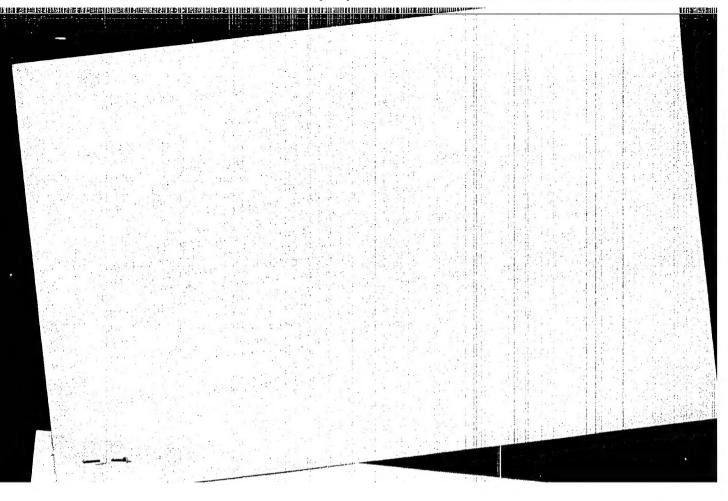
SUBMITTED: May 24, 1961

Card 2/2

| ZHURAVI | LEV, N.N.; SMIRNO | | | | | | |
|---------|-----------------------------------|------------------------------|---|-----------|-------------------|------------|--|
| | Study of bismut no.2:312-313 M | ch-antimony-sca dr-Ap 62. | ndium alloys. | Kristall | ografiia (MIRA | 7 15:4) | |
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| X-ray diffra Kristallogra | ction deter fiia 7 no.5 | mination of 1787-788 S- | the structu 0 162. | ure of TRA | and YSb. (MIRA 15:12) | |
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APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R002065020011-4"

S/089/62/013/002/009/011 B102/B104

AUTHORS:

Zhuravlev, N. N., Stepanova, A. A.

TITLE:

X-ray determination of thermal expansion coefficients of manganese and cobalt monosilicides

'PERIODICAL:

Atomnaya energiya, v. 13, no. 2, 1962, 183-184

TEXT: The thermal expansion coefficients of MnSi (lattice constant a = 4.558 ± 0.001 Å at room temperature) and of CoSi (4.447 ± 0.001 Å) were determined in the range 20-800°C. The X-ray measurements were made using iron radiation and gave 16.3-10-6 deg-1 for MnSi, 11.1.10-6 deg-1 for CoSi, within an error of 1.0-10-6. The measurements of a at 20, 500, 600, 700 and 800°C fitted the a(T) straight line. There is 1 figure.

SUBMITTED:

November 16, 1961

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S/126/62/013/004/007/022 E193/E383

18,1280

AUTHORS: Zhuravlev, N.N., Zhdanov, G.S. and Smirnova, Ye.M.

TITLE: Investigation of platinum-bismuth alloys in the 10 to 50 at.% platinum-concentration range

PERIODICAL: Fizika metallov i metallovedeniye, v.13, no. 4, 1962. 536 - 545 + 1 plate

TEXT: The object of the present investigation was to obtain more precise data on the cause of instability of PtBi and PtBi alloys at low and ultralow temperatures. To this end the constitution of Pt-Bi alloys containing 10 - 50 at % Pt was studied by hardness measurements and by thermal, metallographic and X-ray diffraction analysis. The results of thermal analysis are reproduced in Fig. 1, showing the constitution diagram of of the Pt-Bi system, the circles and crosses representing, respectively, data obtained in the course of the present and carlier investigations (Ref. 4 - N.N. Zhuravlev and L. Kertes - ZhETF, 1957, 32, 1313). Other results can be summarized

as follows.

1) As a result of a peritectic reaction at 685 °C a γ-phase Card 1/4.

S/126/62/013/004/007/022 E193/E383

Investigation of

is formed in alloys containing between 35 and 50 at. % Pt; this phase undergoes a cutectoid transformation at about 570 °C, decomposing to yield PtBi and PtBi.

- 2) PtBi has the nickel arsenide structure with lattice parameters a = 4.315 and c = 5.490 kX.
- 5) The superconductive properties of cast Pt-Bi alloys of a composition near to PtBi are associated with the presence of the γ-phase.
- There are three allotropic modifications of PtBi₂: α -PtBi₂ with a cubic structure (a = 6.683 kX); β -PtBi₂ crystallizing in trigonal singony (a = 6.59, c = 6.17 kX); γ = PtBi₂ with a complex structure. The differences observed in the behaviour of PtBi₂ at ultralow temperatures must be attributed to the existence of these three modifications, those stable at high temperatures being responsible for superconductive

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| which are s $T_{\rm k} \approx 2.4$ | haracterized | i by a high | critical | tempera | ture o | r r | | |
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| SUBMITTED: | (Moscow June 30, | State Unive | rsity im. | M.V. L | omonos |) (v | | |
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KUZ'MIN, R.N.; ZHURAVLEV, M.N.; ZHDANOV, G.S.

Thermal analysis of the Rh - Ri system. Zhur. naorg. khim. 8 no.8:1906-1914 Ag '63.

1. Moskovskiy gosudarstvennyy universitet, fisicheskiy fekul'tet, kafedra fiziki tverdogo tela.

(Rhodium-bismuth alloys)

(Thermal analysis)

Fig., astron. 18 no.219-14 Mr-Ap '63. (MIRA 1616) 1. Kafedra fiziki tverdogo tela Moskovskogo universiteta. (Rhodium-antimony alloys) (Phase rule and equilibrium)

GENKIN, A.D.; ZHURAVLEV, N.N.; SMIRNOVA, Ye.M.

"Mencheir" and "Kotul'skiy" new minerals and the composition of michenerite. Zap. Vses.min.ob-va 92 no.1:33-50 163. (MIRA 1614)

1. Institut geologii rudnykh mestorozhdeniy, petrografit, mineralogii i geokhimii AN SSSE i Moskovskiy gosudarstvennyy universitet imeni Lomonosova.

(Monchegorsk region-Minerals)

ACCESSION NR: AP4012284

5/0070/61/009/001/0116/0117

AUTHORS: Zhuravlev, N. N.; Stepanova, A. A.; Shebatinov, M. P.

TITLE: X-ray determination of the coefficients of thermal expansion for monosulfides of La, Ce, Pr, and Nd

Source: Kristallografiya, v. 9, no. 1, 1964, 116-117

TOPIC TAGS: thermal expansion, thermal expansion coefficient, rare earth monosulfid', x ray determination, semiconductor, metallic conductivity

ABSTRACT: The crystals investigated are cubic and have the structure of NaCl. The lattice dimensions, density, interatomic distances, atomic diameter, and thermal expansion for the various sulfides are shown in Table 1 of the Enclosure. To obtain the coefficient of thermal expansion the authors took x-ray photographs in a vacuum at various temperatures (from room temperature to 4000), using Gu radiation. They also computed an index Δ , proposed by L. D. Dudkin (Nekotory*ye zakonomernosti obrazovaniya poluprovodnikovy*kh faz v sistemakh s perekhodny*mi metallami. V sb. "Vy*sokotemperaturny*ye metallokeramicheskiye materialy*."

Izd-vo AN Ukr3SR, Kiyev, 1962, 87), which characterizes the type of conductive

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ACCESSION NR: APhOl226h

ity. If Δ(14.5%, the compound should have metallio-conductivity. If Δ) 14.5%, then, under certain conditions, the compound may act as a semiconductor. All the studied compounds have Δ less than 14.5%. Orig. art. has: 1 table.

ASSOCIATION: Moskovskiy gosudarstvenny*y universitet is. M. V. Lomonosova (Hoscow' State University)

SUBNITTED: 15Apr63

DATE ACQ: 19Feb64

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ACC NR: AP6013339

SOURCE CODE: UR/0363/66/002/004/0608/0616

AUTHOR: Meyerson, G.A.; Zhuravlev, N.N.; Manelis, R.M.; Runov, A.D.; Stepanova, A.A.; Grishina, L.P.; Gramm, N.V.

10

ORG: Physics Department, Moscow State University im. M.V. Lomonosov (Fizicheskiy fakul'tet, Moskovskiy gosudarstvennyy universitet)

TITLE: Some properties of yttrium borides

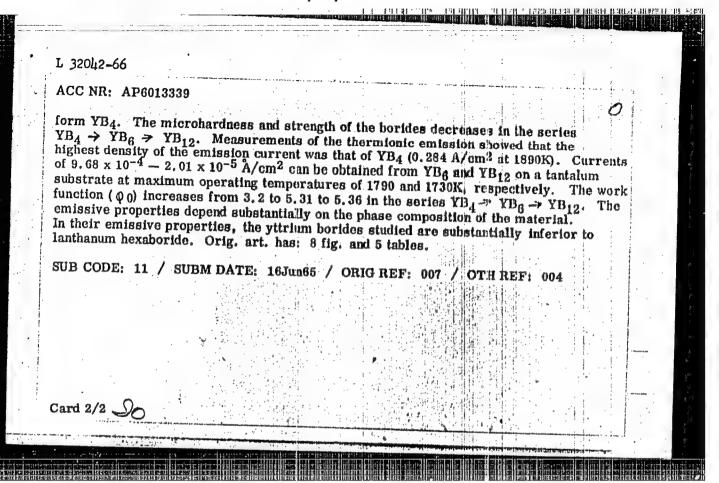
SOURCE: AN SSSR. Izvestiya. Neorganicheskiye materialy, v. 2, no. 4, 1966, 608-616

TOPIC TAGS: yttrium compound, boride, work function, thermionic emission

ABSTRACT: The thermionic and crystallographic constants of the borides YB_4 , YB_6 , and YB_{12} were measured, and the behavior of these materials in a vacuum at elevated temperatures was studied. The borides were prepared by the vacuum thermal method by reducing yttrium oxide with boron. YB_4 is indexed in a tetragonal lattice with constants a=7.12, $c=4.04\pm0.05$ Å. YB_6 and YB_{12} are indexed in a cubic lattice with constant a=4.102 and 7.506 ± 0.002 Å, respectively. It was shown that only YB_4 is stable during high-temperature treatment (up to 2750K); YB_6 and YE_{12} decompose to

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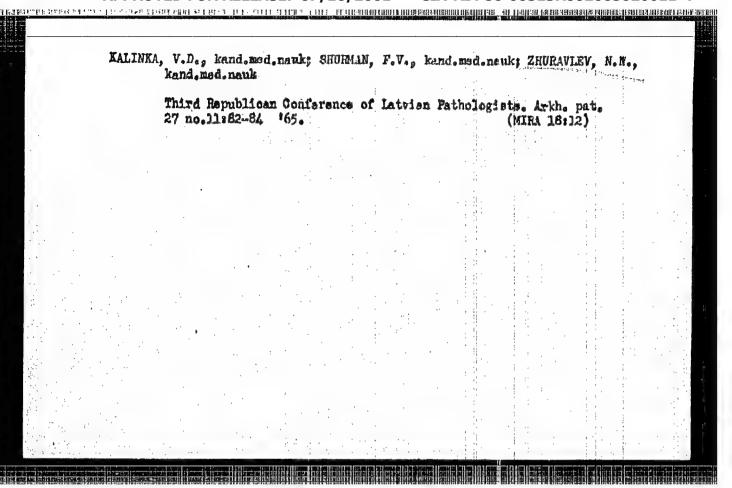
ZHURAVLEV, N. N. -- "Intramural Nervous Apparatus of the Stomach under Normal Conditions and in Cases of Cancer and Ulcerous Disease." Inst of Experimental Medicine, Acad Soi Latvian SSR. Riga, 1955. (Dissertation for the Degree of Candidate of Medical Sciences.)

S0: Knizhnaya Letopis', No 5, Moscow, Feb 1956

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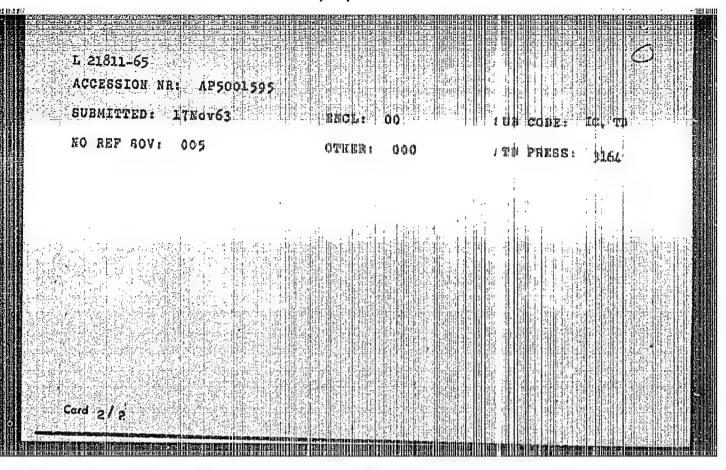
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| | AUTHORS: Kuzimin, R. M.; Zhuravlev, N. N.; Zhianov, G. S. 77 |
| | TITLE: Thermal analysis of the system Rh-Bl |
| | SOURCE: Zhurnal neorganicheskoy khimil, v. 8, mo. 8, 1963, 1964, 1906-1914 |
| | TOPIC TAGS: DTA, Rh, Bi, differential thermal analysis, rhodium, |
| | bismuth ABSTRACT: Differential thermal analysis has been conducted for |
| | the first time in Rh-Bi equilibrium systems. In soutlibrium diagram has been constructed for the above system, starting with |
| | pure B1 and ending with a 22 5 weight 5 of Rh this tile system is a light of |
| | Rh-Bi thermograms were taken after the alloy had been homo- geneously heated for 48 hours at 7200. The only effects shown in |
| | the heating curves are the ones corresponding to the eutectic |
| | transformation, reaction of RhBin formation, and the polymorphic |
| | transformation a=8-RhBi2. The differential of ect corresponding |
| | to the eutectic transformation disappears completely when the |
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| AUTHOR: Zhurevlev, R. M. & Highenove, A. A. TITLE: X-ray determination of the coefficient of themse expansion of ScB2 SOURCE: Poroshkovaye metallurgiys, no. 6, 1964, 83-84 TOPIC TAGS: ccandium beridge lattice constant, in rmal expansion, expansion coefficient? ABSTRACT: The ScB2 compound has an AlM2 typed has gonal lettice with the parameters a = 3.14 Km and c = 3.51 km. The x-ray diffraction analysis of ScB2 powder at 20 to 600C showed that a and a lattice parameters increased almost incoming by the increasing temperature. The tively. Orig. art. has: 1 figure. ASSOCIATION: Moskovskiy monuniversitet in: M. W. Jondoccova (Mcscov) State University) Cord 1/2 | | L 21611-65 D/F(a)/D/T(m)/D/F W)/DFF(a)-2/EWA(B)/AF /T (J/A/) ()/EWF(b) Pa-4//Fu-4 AFWL/SSD/IDF(c) JD/UG/AT/WH ACCESSION NR: AP\$001595 S/022 /6 /Joho/BG6/0084 |
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| SOURCE: Poroshkovaya metallurgiya, no. 6, 1964, 83-84 TOPIC TAGS: candiam benides lattice constant, thermal expandion, expansion coefficiently ABSTRACT: The ScB2 compound has an Allightyped lattice with the parameters a = 3.14 Km and c = 3.51 km. The x-ray diffraction analysis of ScB2 powder at 20 to 6000 showed that a and c lattice parameters increased should lanearly with increasing temperature. The increased should late the formal expansion and benefit to the first and a same time to the first tively. Orig. art. has: 1 figure. ASSOCIATION: Moskovskiy monuniversited las M. T. Jondhoude (Mdiscov State University) | ٠.; | TITLE: X-ray determination of the coefficient of th |
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| analysis of ScB2 powder at 10 to 6000 showed that a hard a lattice parameters increased shoot linearly with increasing temperature. The isoliated acan increased shoot linearly with increasing temperature. The isoliated acan increased the a same temperature to the continuous the a same trace, respectively. Orig. art. has: I figure. ASSOCIATION: Moskovskiy gonuniversited in: N. T. Jondhoosova (Moscovial) | . , | ABSTRACT: The ScB2 compound has an Alle typed bexandal lettics with |
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1 12098-66 ACC RR: AF6000528 SOURCE CODE: UR/00/0/65/010/006/0828/0832

AUTHOR: Zhuravlev, N. N.; Smirnova, Ye. M.

ORG: Moscow State University im. M. V. Lomonosov (Moskivskiy gosudarstvennyy universitet)

TITLE: The identification of two new compounds, IrBi; and IrBi; in the bismuthiridium system

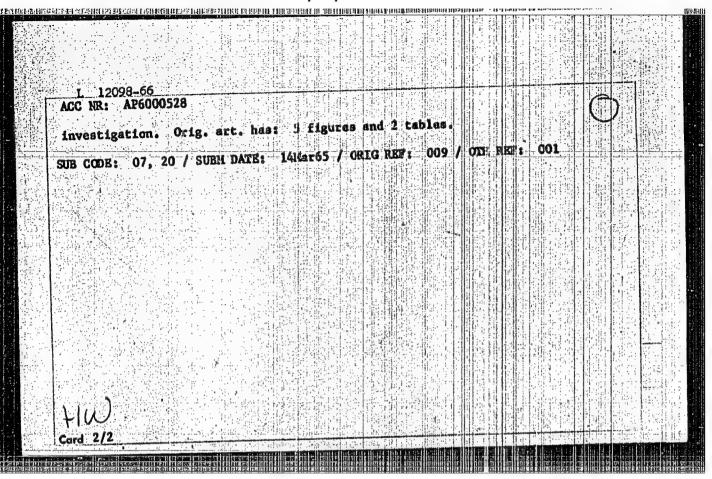
SOURCE: Kristallografiya, v. 10, no. 6, 1965, 828-832

TOPIC TAGS: bismuth alloy, bismuth compound, iridium alloy, iridium compound.

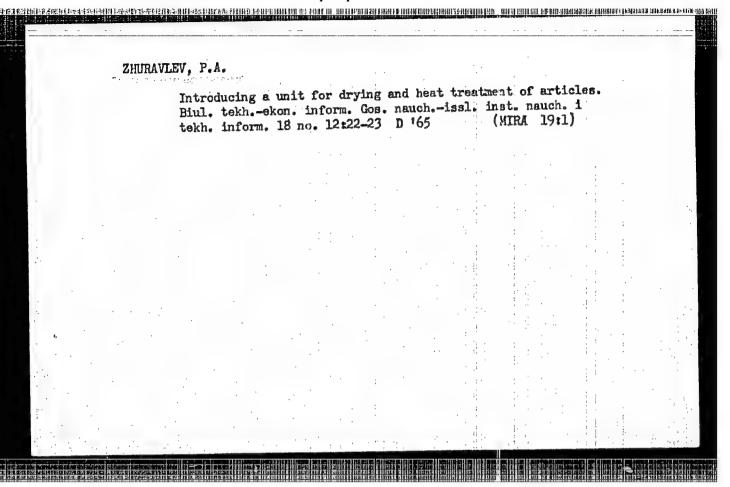
ABSTRACT: Two new compounds, IrBi3 and IrBi2, have been filentified in bismuthiridium systems. Following a description of crystals, the article describes the
crystallochemical and X-ray analysis of accular and short-prismatic crystals.
The IrBi3 compound crystallizes in rhombic crystals which are isomorphous to
NiBi3; the IrBi2 compound appears in the form of monoclinic crystals which are
isomorphous to
- RhBi2 and have the arsenophyrite structure. The authors
list also the dimensions of the elementary cells and show the changes in the
hardness of annealed bismuth-iridium alloys as a function of lineix composition.
We thank Prof. G. S. Zhdanov for the discussion of the results of the present
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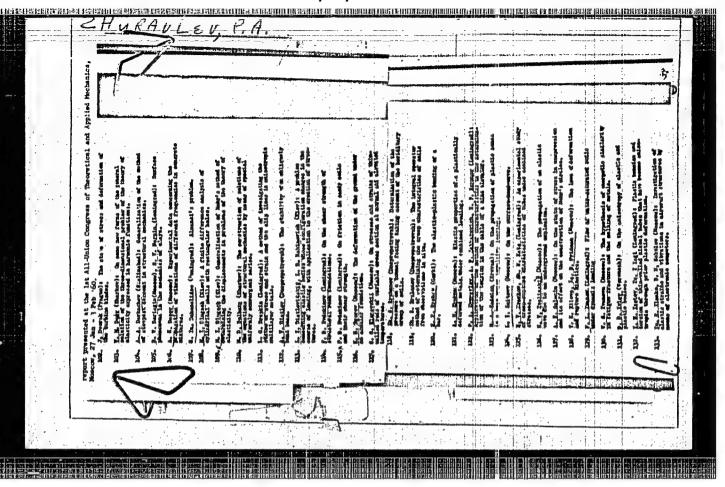
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| ACC NR. AP5027900 | | UR/0103/61/021/ | 011/2002/206 | |
| AUTHOR: Zhuravley, O.G. (Moscow); To | rgovitskiy, I. Sh. | (Moscow) | 6/ | |
| ORG: None | | | | |
| TITLE: Optimum method of objective clas | sification of patter | rn recognition prob | lems | |
| SOURCE: Avtomatika i telemekhanika, v. | 26, no. 11, 1965, | 2062-2603 | | |
| TOPIC TAGS: pattern recognition, recogn | ition process, cla | ss theory, slatistic | distribution. | |
| data sampling | | | | |
| ABSTRACT: In the past, pattern recogniti | | | | |
| class to which the given pattern belonged (note investigates a new method based on th | at least during the | learning process). ical solutions accor | The present | |
| general sampling approach corresponding | to the set of possil | ble situations. The | moment | |
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| matrix established for the case of such a n | nultidimensional n | ormal distribution | | |
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| Authors | 2 Zhuravlev, P. A. |
| Title | Application of the Enrictianorich method to the study of the movement |
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| Abstract. | An approximate solution of a problem on the apprecant of a liquid with |
| | a free surface in a specially designed channel is presented. The solution was obtained by the khristismovich method (i.e description is given in another work). The method implies the came upt of the vellocity potential $p(x, y)$ and the functions of flow $p(x, y)$. Experiments were conducted to compare theoretical data with observed but, mainly, for determining the justification for replacing the exact differential equations with approximate ones. Four USSR references (1940-1948). Disperse. |
| Institution | t The Leningrad Mining Institute |
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SOV/124-57-9-9961

Translation from: Referativnyy zhurnal, Mekhanika, 1957, Nr 9, p 13 (USSR)

AUTHORS: Neronov, N. P., Zakharevich, A. F. C. Zhuravlev, P. A.

TITLE: On the Theory of Vibrating Machinery (K teori: vibratsionnykh

mashin)

PERIODICAL: Zap. Leningr. gorn. in-ta, 1956, Vol 33, Nr 3, pp 3-36

ABSTRACT: The motions of a model of a vibrating machine intended for the conveyance and grading of materials are studied. The machine consists of two parallel frames the lower of which is mounted on four shock absorbers and is connected to the top frame by means of flat springs. The two frames together form an elastic parallelogram. The vibration-exciter mechanism consists of a motor with an unbalanced load mounted on the lower frame. The pre-resonance as well as the post-resonance behavior of the system is studied. The problem is reduced to the integration of a system of differential linear equations with variable coefficients performed by the small-parameter method. The results obtained permit a determination of

the natural frequencies of vibrations and the resonance conditions of

Card 1/2 the system. The aggregate data obtained serve in the stress

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| on the Tr | neory of | Vibratin | g Mac | hinery | , , | : | <i>:</i> | | SOV | /124-5 | 7-9- | 9961 | |
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| analysis o | of the vit | orating o | ompo | nents (| of the | machin | ery. | 1. | | | 1 | | |
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| | analysis | | | | | | | analysis of the vibrating components of the machinery. | | | V. N. | V. N. Gem | V. N. Geminov |

SOV/124-57-4-4262

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 4, p 57 (USSR)

AREA HELDERICH BERTEIN BER

AUTHOR: Zhuravlev, P. A.

TITLE: On the Question of the Motion of a Fluid in Channels (K voprosu o

dvizhenii zhidkosti v kanalakh)

PERIODICAL: Zap. Leningr. gorn. in-ta, 1956, Vol 33, Nr 3, pp 54-61

ABSTRACT: The paper studies certain characteristics of the velocity field and the geometry of a plane incompressible steady-state flow. The corre-

sponding complex potential is expressed in the following form;

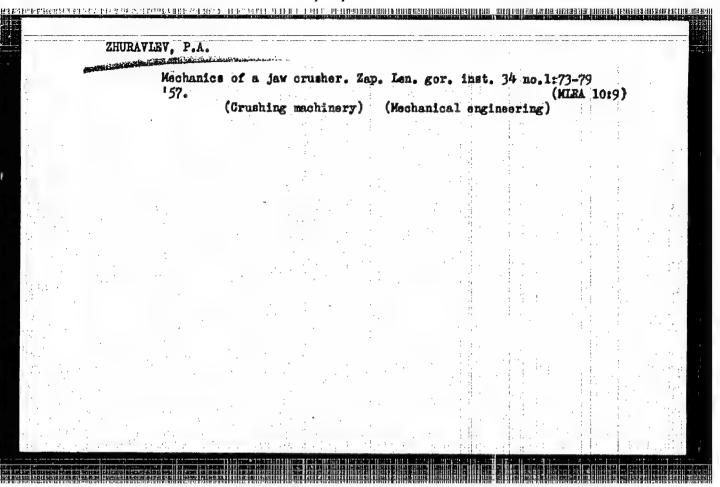
 $w = Uz + \frac{m}{2\pi} \log_e \cos \frac{\pi z}{ai} \qquad (z = x + iy)$ (1)

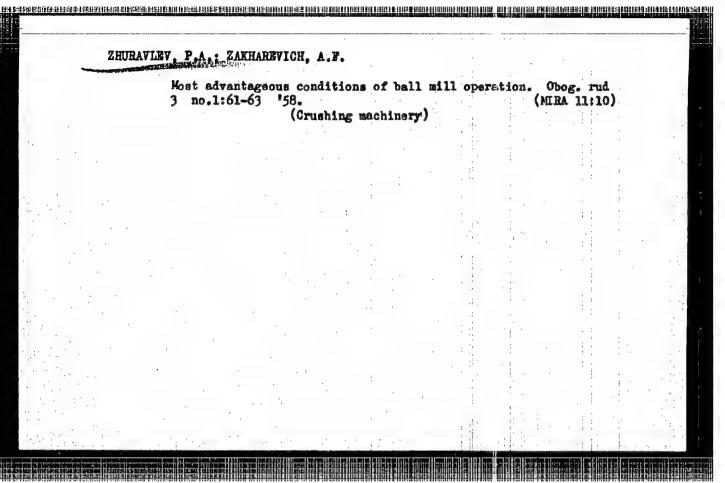
It should be noted that an analogous flow was analyzed earlier in some problems on the steady seepage of incompressible fluid in a horizontal stratum. The isolated areas forming during the outflow of fluid from each source (1) are interpreted as the impermeable walls of a channel. The presentation of the problem permits a generalization in the case of the complication of the complex potential (1) by the addition of new logarithmic terms similar to the one figuring in equation (1). Some

Card 1/1 typographic errors are noted in the text.

V. P. Pilatovskiy

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S0V/94-58-11 AUTHOR: Dolotov, G.P. Zhuravlov P.A Kuznetsov, I.I Kogan, G.M. Kondakov, Ye. A. Nesterenko, P.S. The Installation of a Radiation Recuperator on a Cupola TITLE: (Ustanovka radiatsionnogo rekuperatora na vagranke) Promyshlennaya Energetika, 1958, Nr 11, p 19 (USSR) PERIODICAL: This suggestion was awarded a fifth premium in an ABSTRACT: All-Union Power Economy competition. Hitherto little use has been made of waste heat from foundry cupolas largely because the heat exchangers become dirty very quickly and therefore inefficient. Metal radiation recuperators of simple construction have recently been used abroad for this purpose. The authors proposed the installation of radiation recuperators for heating blast air on two cupolas of 18 tons per hour upwards. A sketch of the equipment is given. The recuperator consists of two metal tubes with an annular gap of Card 1/2

The Installation of a Radiation Recuperator on a Cupola

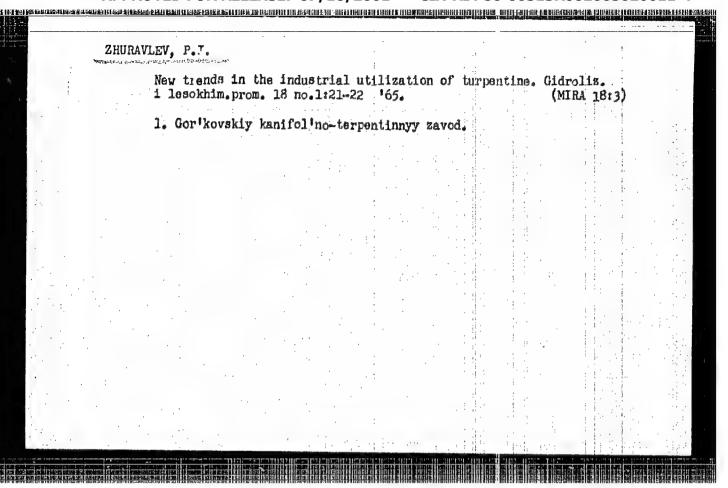
32 mm; the recuperator is 6,000 mm high and constructional details are given. The method of installing the device is briefly described. The equipment has proved satisfactory in service and economises about 1,180 tons of coke a year.

There is 1 figure.

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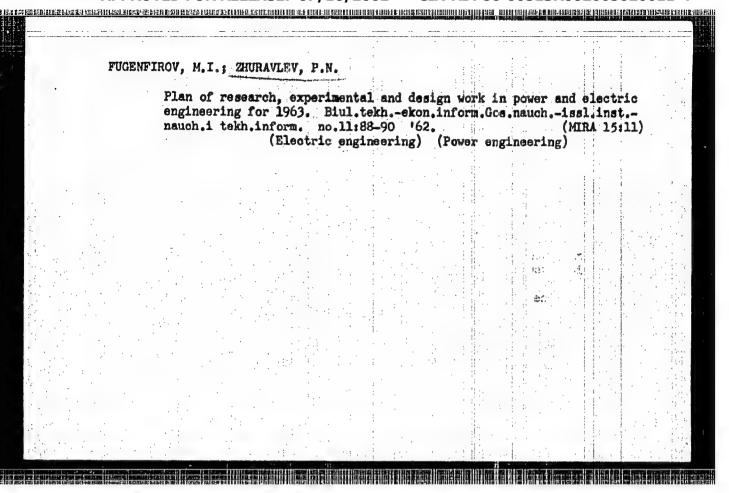
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CHASHORIN, Arkediy Maksimovinin; KISLITSYN, Alaksey Mikolayevich;
CRUDINOV, Stanialav Vasil'yevich; ZHURAVLV, Fetr Ivanovich
CORDON, L.V., red.

[How wood chemistry benefits the national economy] Lesckhimila - narcdnomi khoziaistva. Moskva, Lesmain promyshlennost', 1965. 58 p.

(MIRA 18:9)



s/834/61/039/003/001/001 E191/E135

AUTHOR:

Zhuravlev, P.A.

TITLE:

Determination of the acceleration of a material point

in complex motion

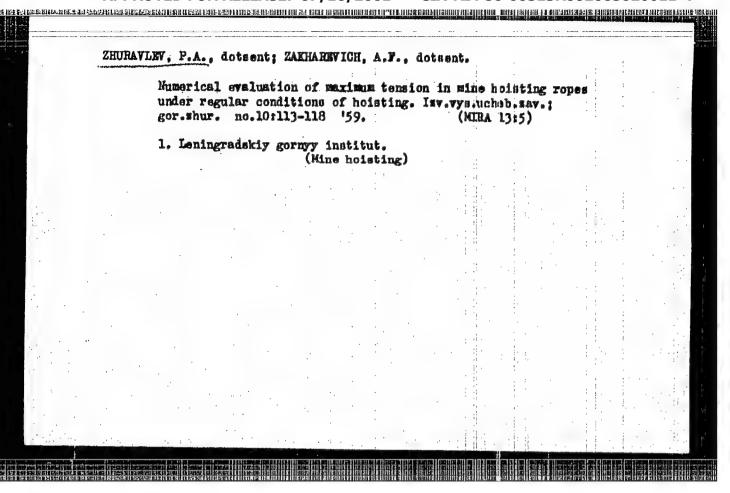
SOURCE :

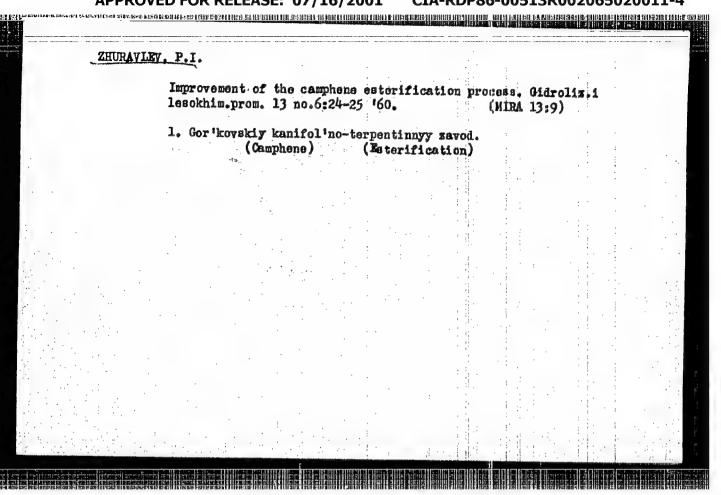
Leningrad. Gornyy institut. Zapiski, v.39, no.3. Moscow, 1961. Teoreticheskaya mekhanika. Teoriya

uprugosti. 63-66.

The formulation of the problem refers to several TEXT: unchanging media and a material point moving in relation to these media. The motion of the point in relation to the first medium is given: furthermore, the motion of the first medium in relation to the second medium and so on until the nath medium. It is desired to determine the motion of the material point in. relation to the n-th medium when n exceeds 3. A formula is derived by the author on the basis of the Coriolis theorem which differs from earlier solutions given by other authors. The new formula, written in the notation of vector analysis, agrees with the older but has the advantage of clarity and easier application. Card 1/2

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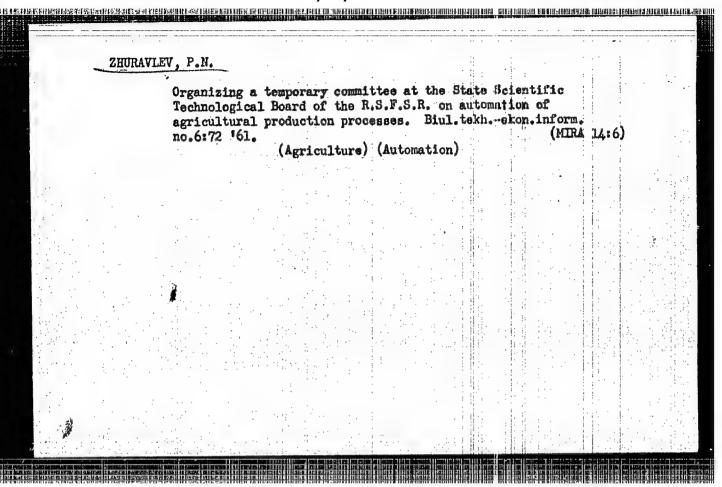




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| ZHURAVLEV, P. M. | | | 1 | : | | • |
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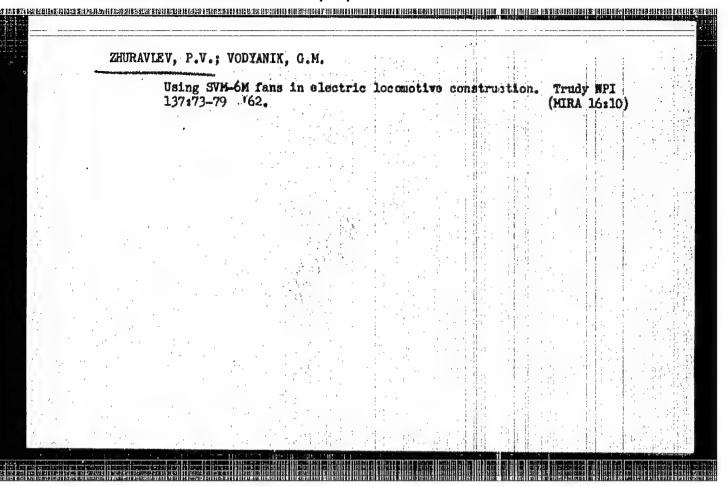


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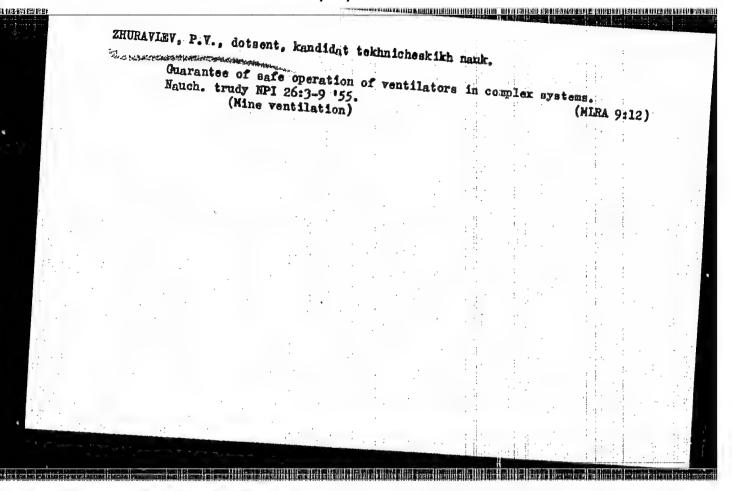
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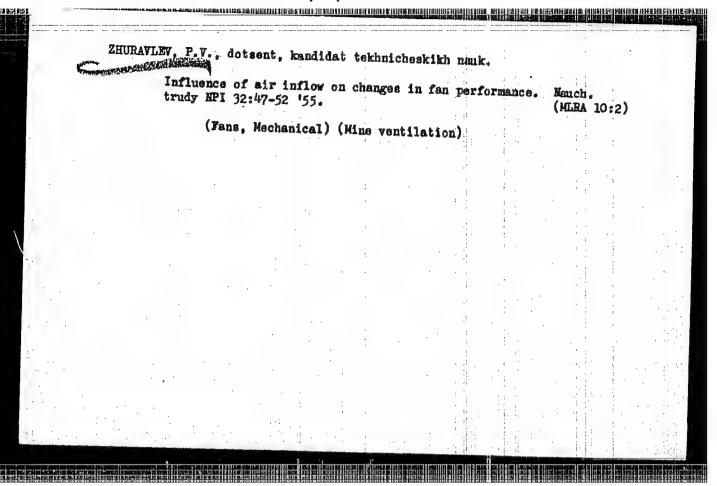
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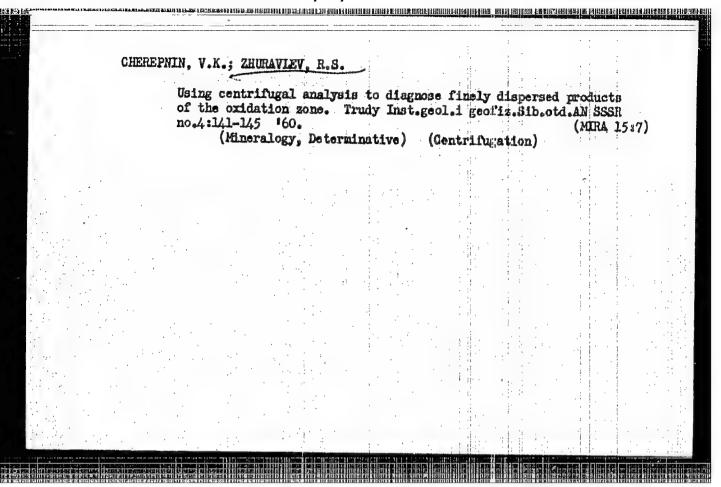


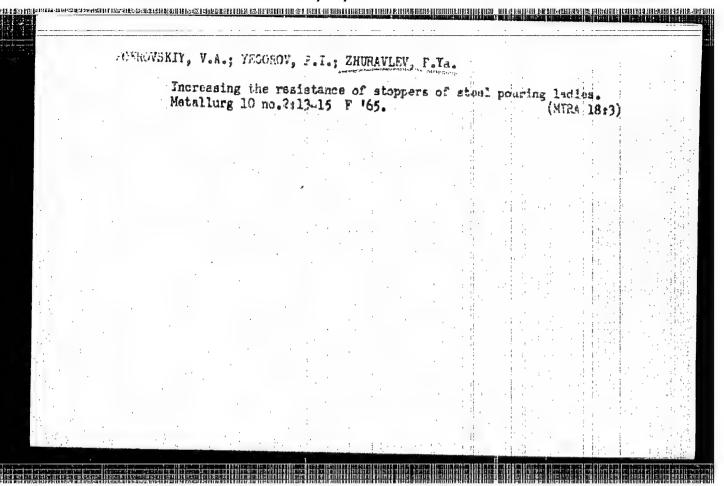
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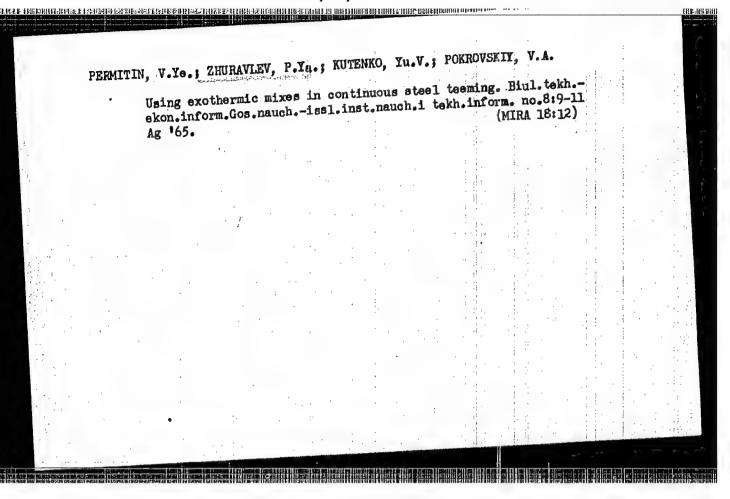


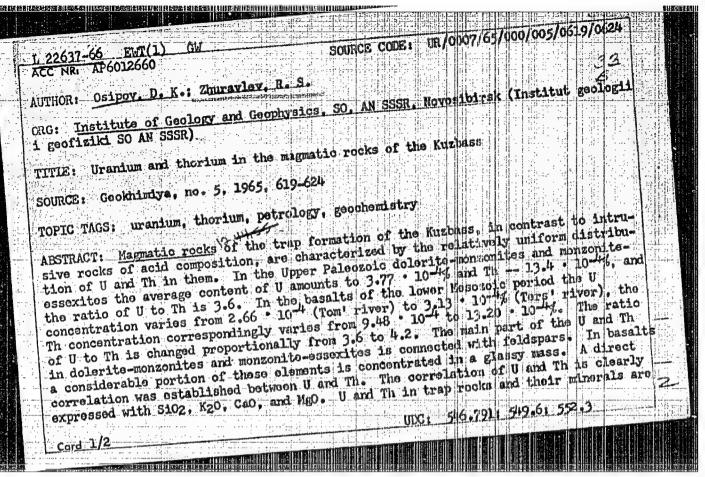


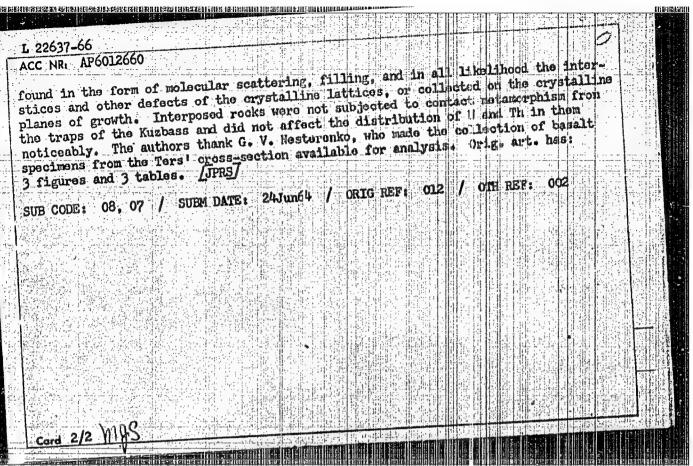
ZHURAVLEV, P.Ya.; EFROS, D.I.; KUTENKO, Yu.V.; POKROVSKIT, V.A.; GRANAT, I.Ya.; WOROZENSKIY, L.I.; GORSKIY, V.B.

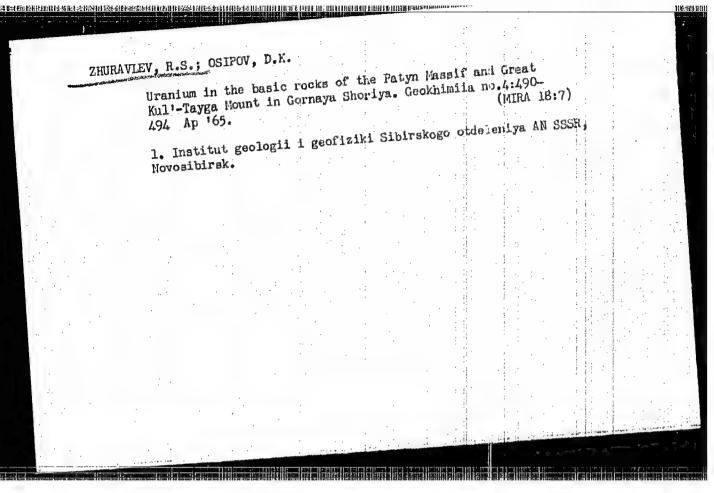
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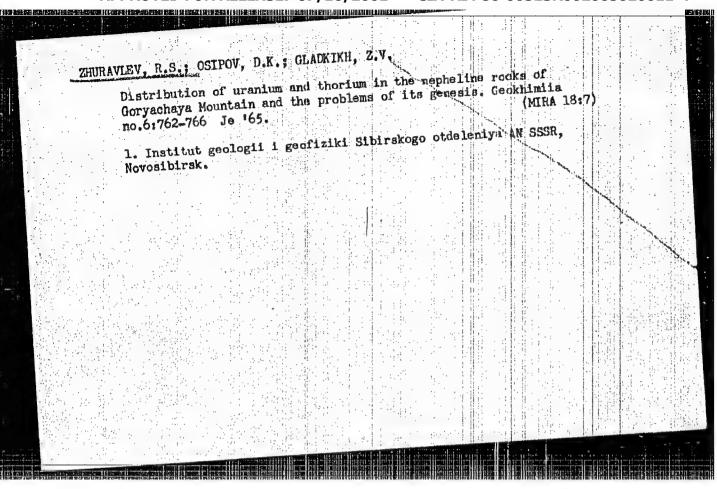
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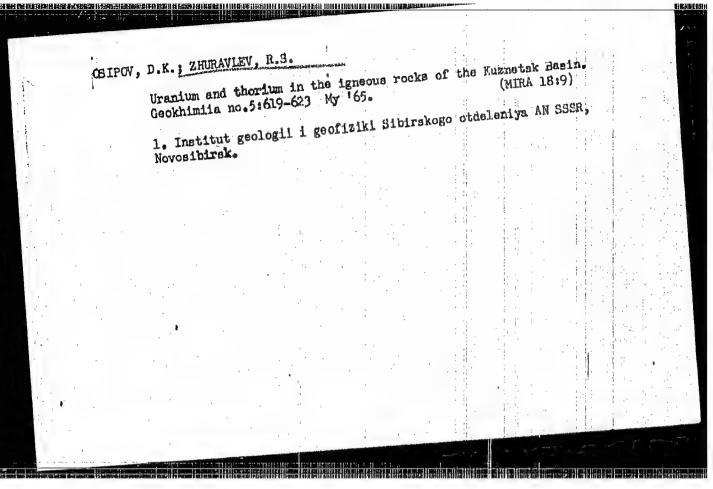


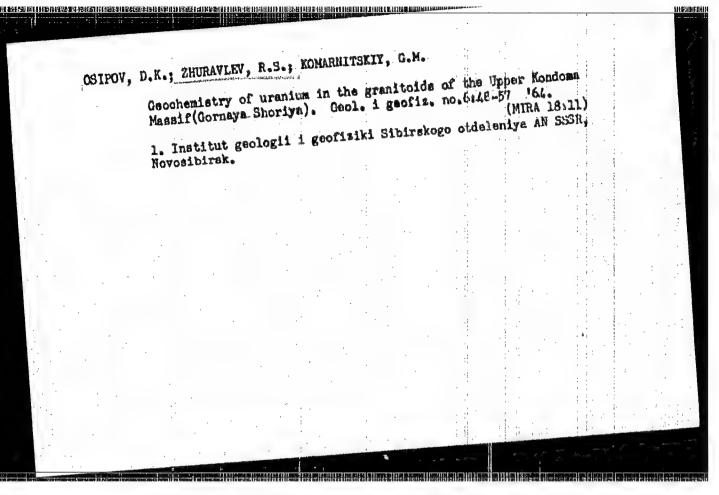


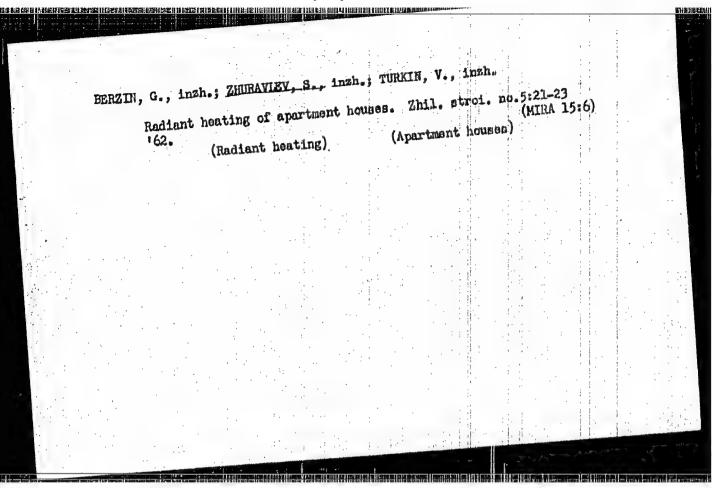


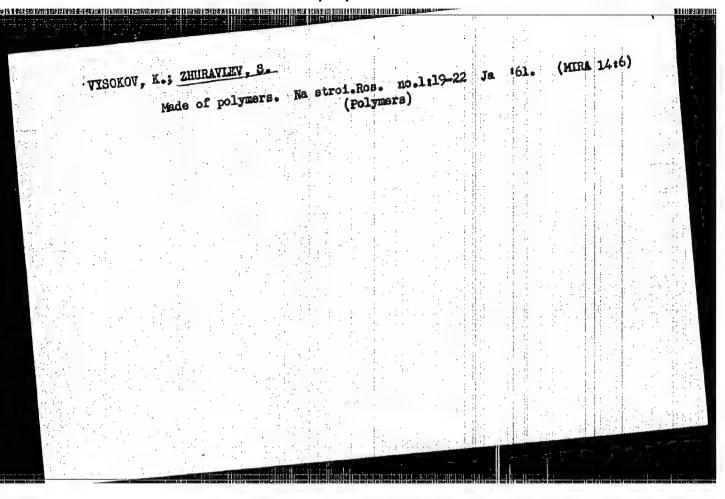


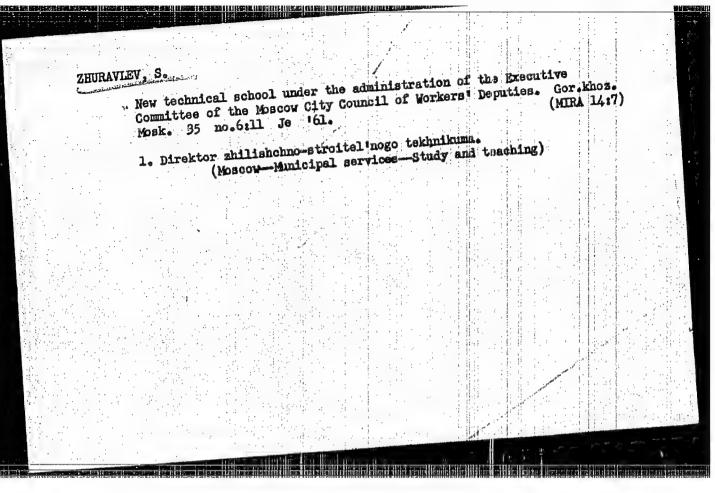


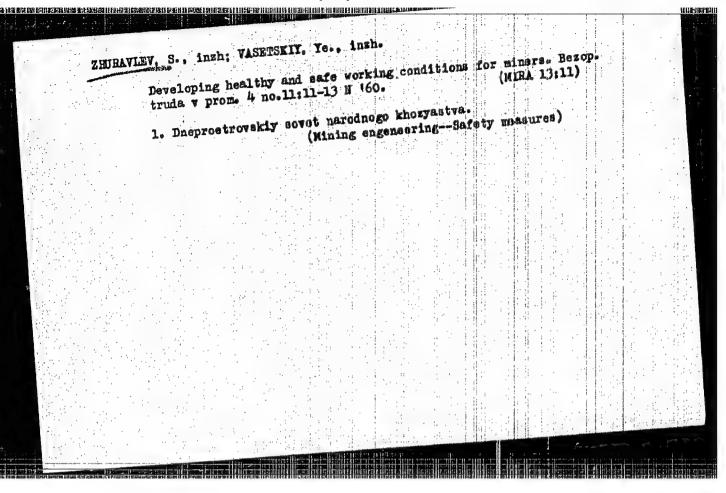








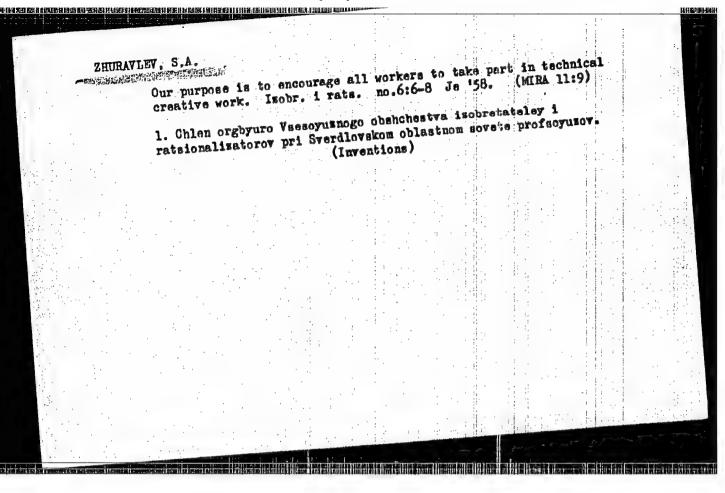




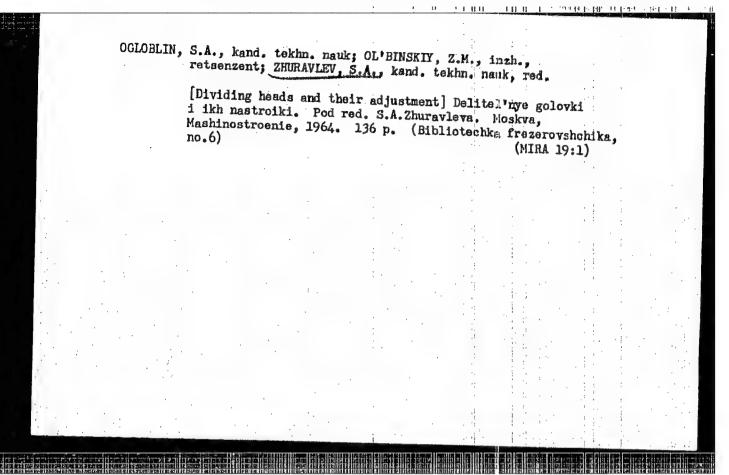
| ZHURAVLEV., S. A., TOMILIN, G. N., MIASNIKOV, V. P. Instrumenty dlia skorostnogo rezaniia metallov. Moskva, Mashgiz, 1950. 231 p. diagra. Bibliography: p. 229-(230) Tools for high-speed metal-cutting. DLC: TH1230,T05 SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953. | | ATASNTKOV. V. | • | - | : | |
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| Tools for high-speed metal-cutting. DLC: TH1.230, To5 DLC: TH1.230, To5 | Pibliography: p. 229-(230) | | ٠ | · · | | |
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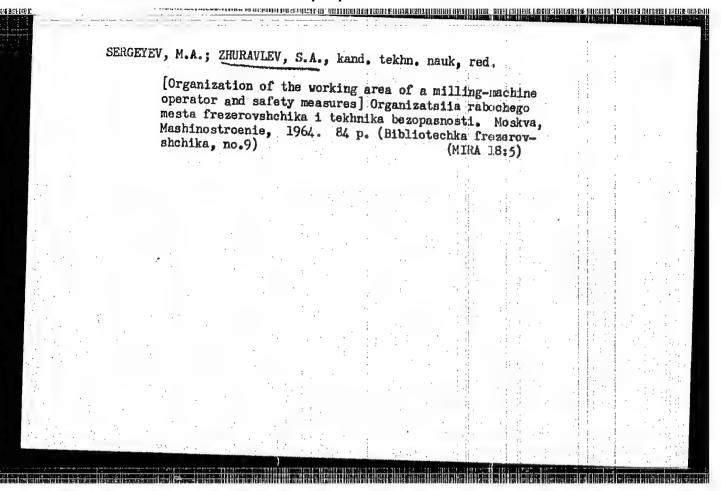
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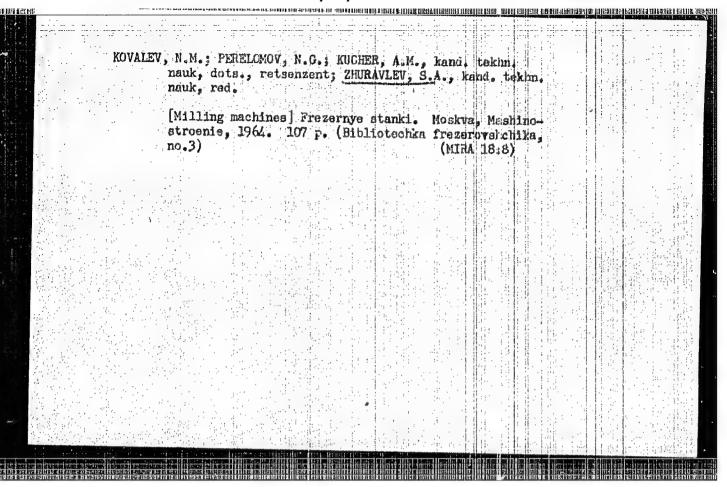
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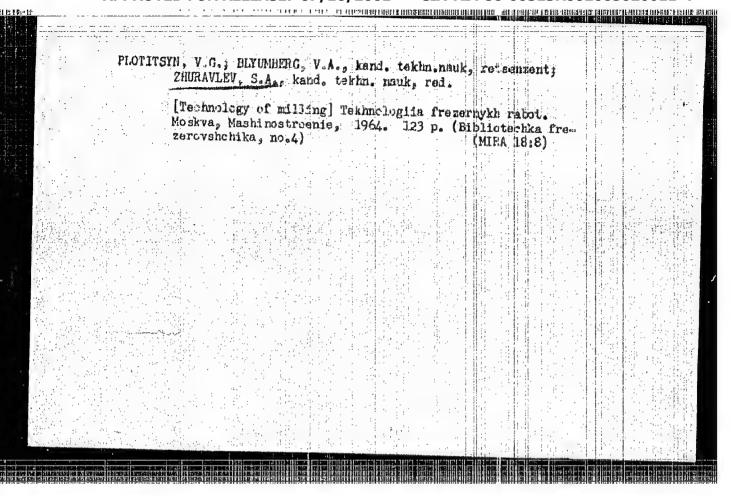


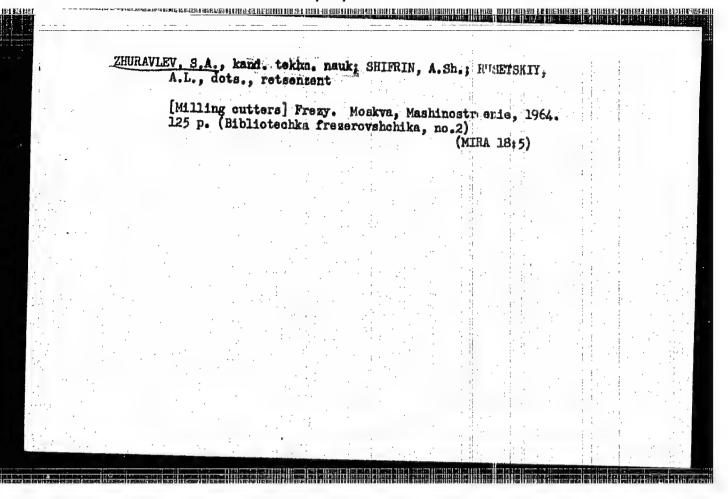
| l. Orshanskaya distantsiya signalizatsii i svyazi Belbrüsekoy dorogi. (Railroads-Bignaling-Block systems) | Determination of lubricants. Av | vtom., telem. | 1 svias' | 6 na.1 | 0139 0 | (MIRA | 16:5) |
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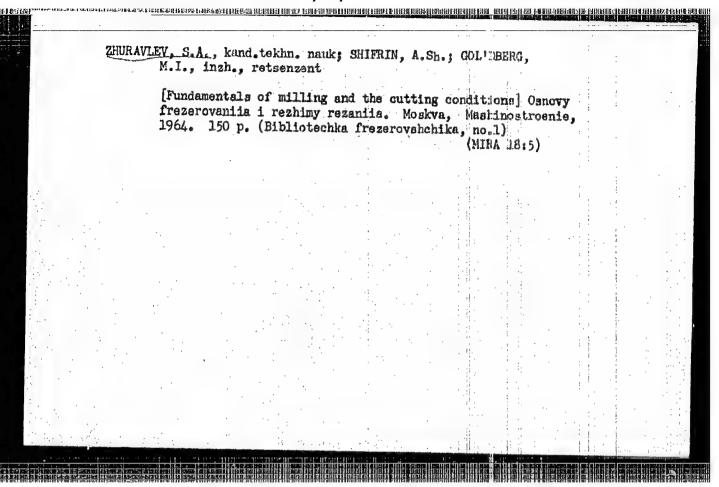


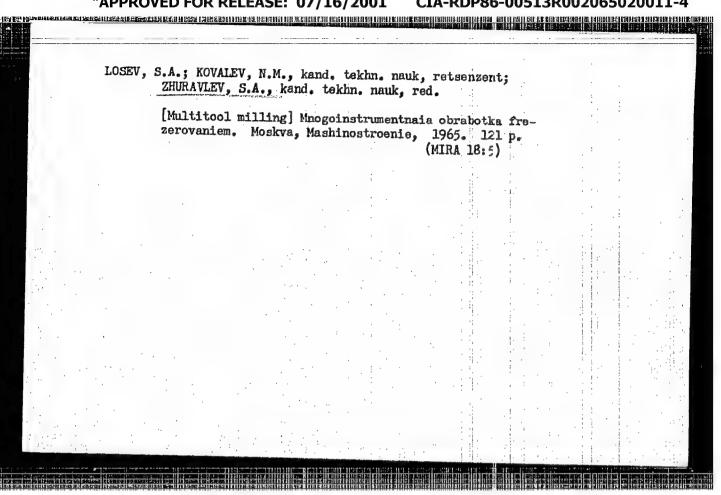












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ZHURAVLEY, S.I., gornyy, inzh.; ARTEMOVA, A.A., gornyy inzh.; BUZHEO,
M.P., gornyy inzh.; RUKASOVA, Ye.H., gornyy inzh.

Technology of the production of high-quality concentrates at
the Southern Ore Dressing Combine. Gor. zhur. nc.7/172-76 J1
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(MIRA 18:8)

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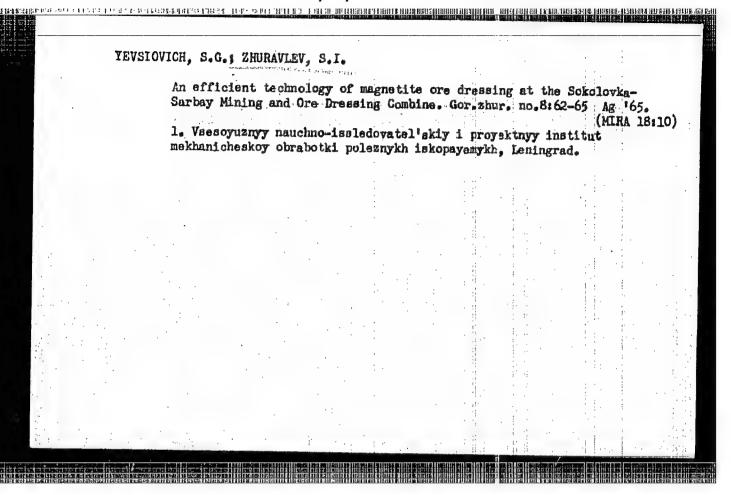
SUBBOTA, L.F.; GOIGER, Yu.S.

Industrial use of several methods of dressing Erivoy Rog iron ore in heavy suspensions. Gor. zhur. no.5:54-60 My '60. (MIRA 14:3)

1. Mekhanobr, Leningrad (for Yevsimovich and Zhuravlev).

2. Mekhanobrchermet, Krivoy Rog (for Lyubarets, Kosoy, Igummova and Subbota). 3. Rudoupravleniye imeni Dzerghinskogo (for Golger). (Krivoy Rog Basin-Ore dressing)

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ZHURAYLEV, Semen Innokent'yevich [Zhuravl'ov, S.I.]; BABERKO, V.G.

[Patenko, V.H.], red., Limanova, M.I., tekhn.red.

[New forms of party control] Novi formy partiinche kontroliu.

Kharkiv, Kharkivs'ke knyshkove vyd-vo, 1959. 28 p.

[MIRA 13:2)

1. Zaviduyuchiy viddilom partiynikh organiv Kharkivs'kogo
obkomu KP Ukreini (for Zhuravlev).

(Kharkov Province—Industrial management)

(Gommunist Party of the Soviet Union—Party work)

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